

100

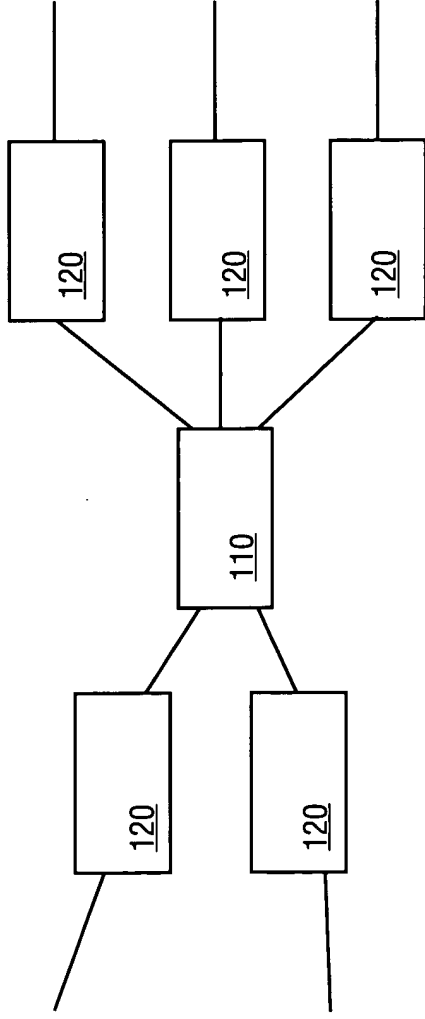


FIG. 1

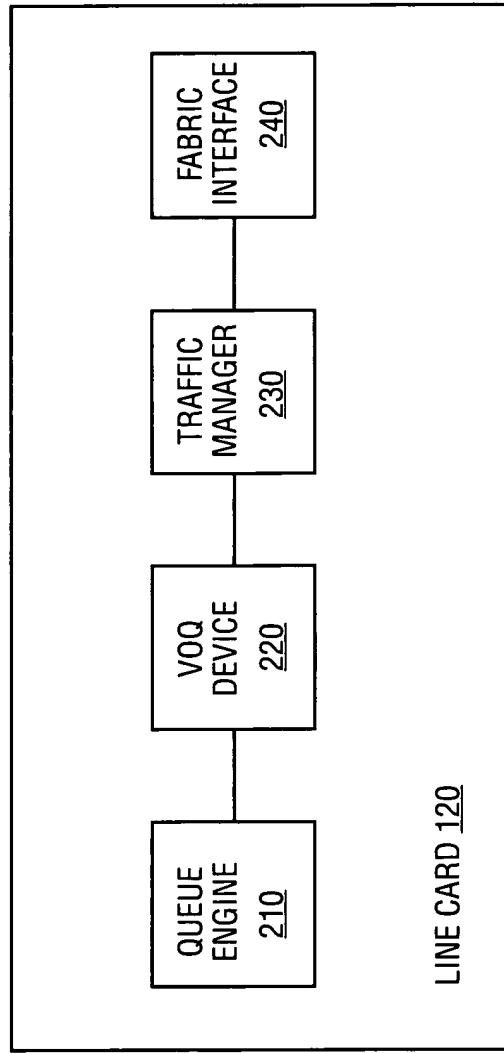
[illegible]

FIG. 2

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graph TD
    310[CHANGE THE STATUS OF A VOQ FROM EMPTY TO NON-EMPTY] --> 320[INITIALIZE A TDT FOR THE VOQ]
    320 --> 330{DETERMINE WHETHER AT LEAST ONE TDT IS LESS THAN CT}
    330 -- NO --> 360[SCHEDULE A GRANT TO A VOQ USING EITHER A ROUND ROBIN OR A PRIORITY-BASED SCHEDULING METHOD]
    330 -- YES --> 340[SELECT THE SMALLEST TDT THAT IS LESS THAN CT]
    340 --> 350[SCHEDULE A GRANT TO THE CORRESPONDING VOQ AND RECALCULATE A NEW TDT FOR THE VOQ]
    350 --> 330

```

FIG. 3

```

graph TD
    410[RECEIVE CONTROL CELLS FROM A FIC INDICATING THAT A GIVEN DESTINATION PORT IS CONGESTED] --> 420[REDUCE INCOMING TRAFFIC TO THE CONGESTED PORT TO A GUARANTEED BANDWIDTH OF TRAFFIC UNTIL THE GIVEN DESTINATION PORT IS NO LONGER CONGESTED]

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FIG. 4

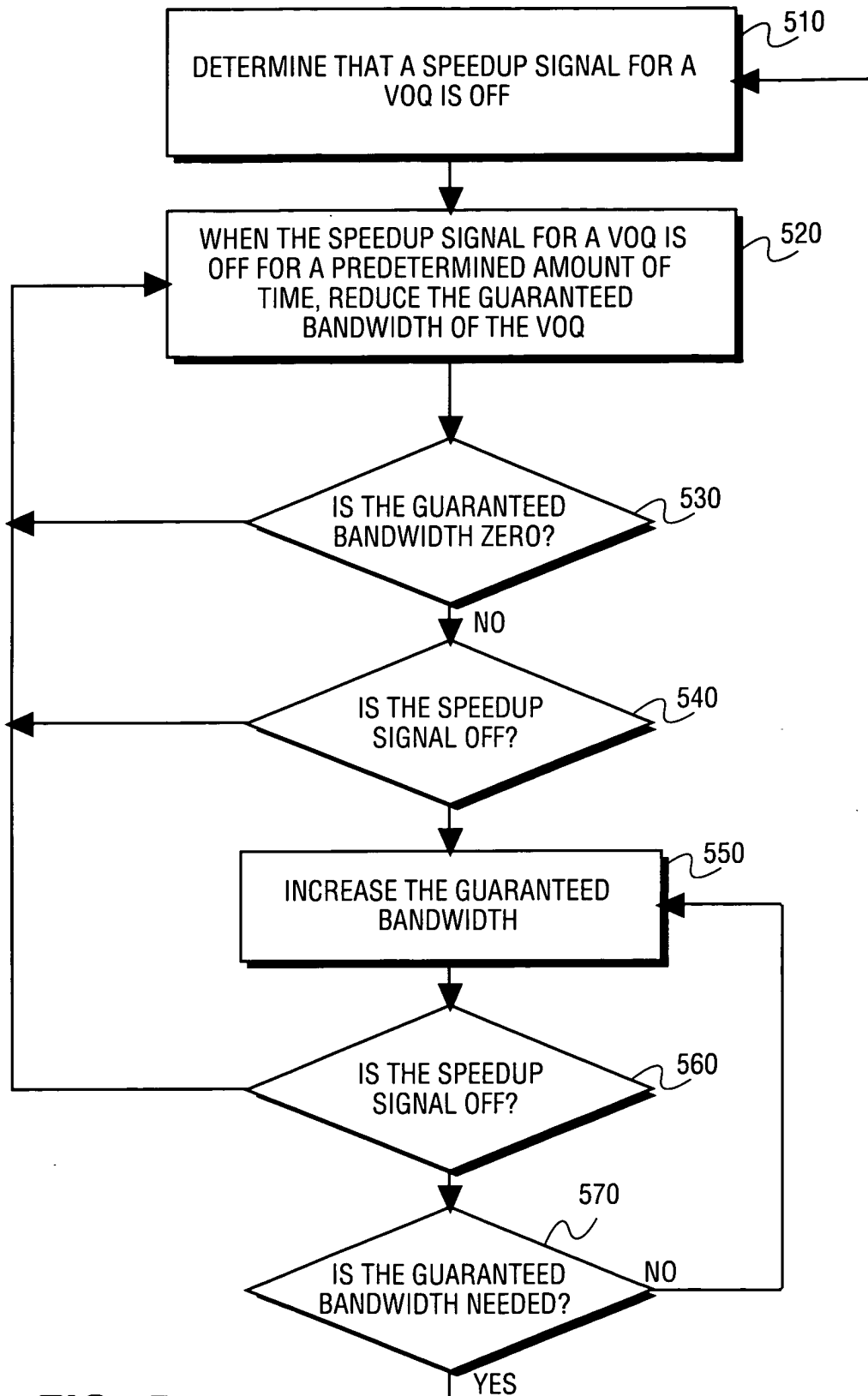


FIG. 5

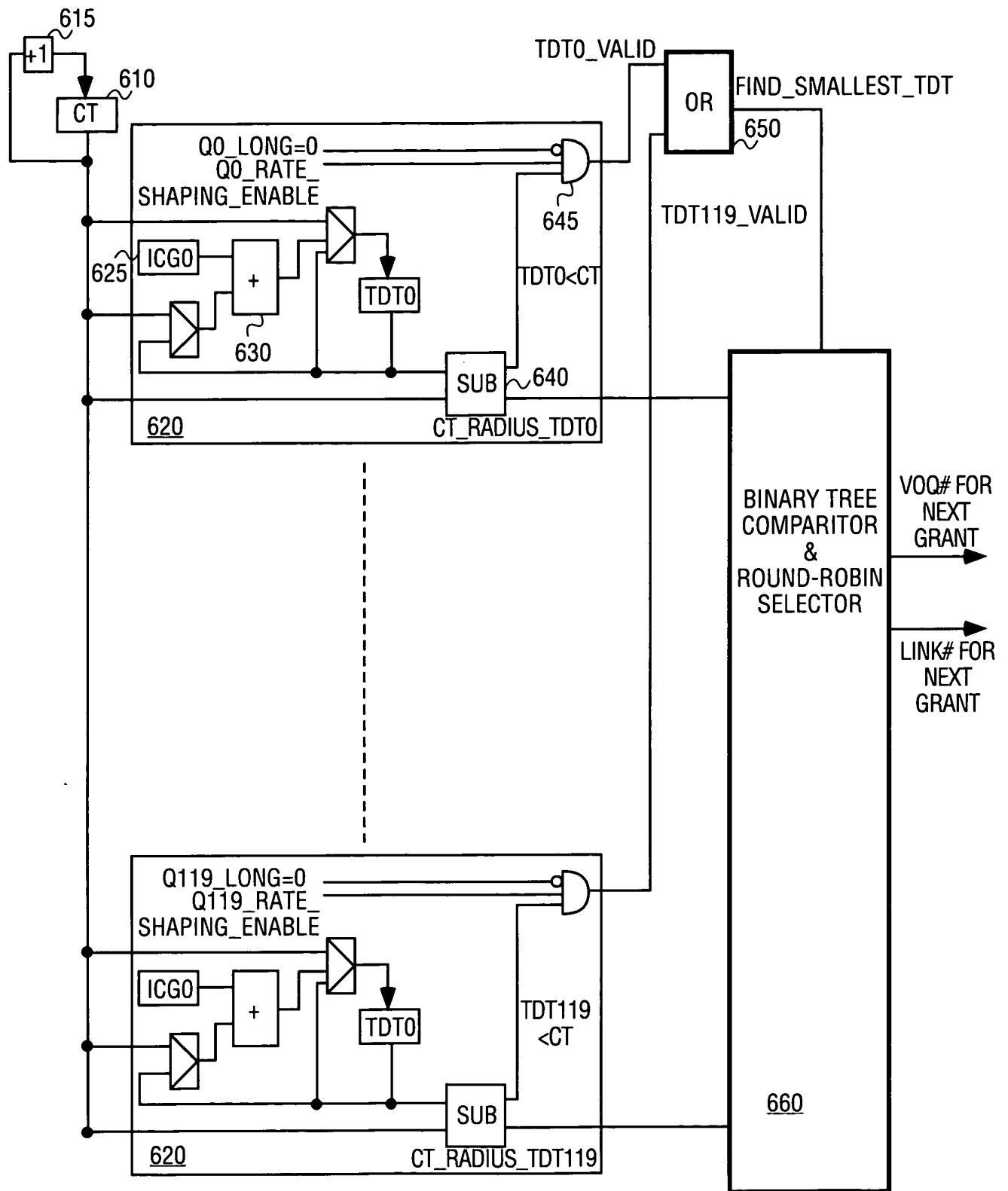


FIG. 6